

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system for facilitating the exchange of data between one or more users and a web service via one or more instant messaging clients, comprising:
a processor that receives and processes a user command from a user of an instant messaging client and generates a web service command corresponding to the user command;
a database that stores information linking the user command to a web service command format; [[and]]
a web services engine that sends the web service command to the web service; and
a means for transmitting wherein information received from the web service in response to the [[user]] web service command may be transmitted to at least one other user.
2. (Original) The system according to claim 1, wherein the web services engine receives a message from the web service in response to the web service command.
3. (Currently Amended) The system according to claim 1, wherein the web services engine is used to locate a web services description language file.
4. (Original) The system according to claim 1, wherein the web services engine retrieves a web service address.
5. (Original) The system according to claim 1, wherein the web services engine retrieves the web service command format.
6. (Original) The system according to claim 1, wherein the processor links the user command to a web service description language file.

7. (Original) The system according to claim 1, wherein the processor links the user command to the web service and the web service command format.

8. (Original) The system according to claim 1, wherein the database stores user information, the user information comprises at least one of user identification and user password.

9. (Original) The system according to claim 1, wherein the database stores user privileges information.

10. (Original) The system according to claim 1, wherein the information linking the user command to a web service command format stored in the database comprises a web services description language file location.

11. (Original) The system according to claim 1, wherein the information linking the user command to a web service command format stored in the database comprises the web service's address.

12. (Original) The system according to claim 1, wherein the information linking the user command to a web service command format stored in the database comprises a web service description language file name.

13. (Original) The system according to claim 1, wherein the processor uses the information linking the user command to a web service command format stored in the database to generate the web service command.

14. (Original) The system according to claim 1, wherein the web service is associated with an enterprise system.

15. (Original) The system according to claim 1, wherein the web service is associated with a legacy system.

16. (Original) The system according to claim 1, further comprising a security and provisioning engine, the security and provisioning engine retrieves security information.

17. (Original) The system according to claim 16, wherein the security information having user privileges information.

18. (Previously Presented) The system according to claim 17, wherein the user information is for accessing at least one of an enterprise system or a legacy system.

19. (Original) The system according to claim 1, wherein the system interfaces a remote database including user security information.

20. (Original) The system according to claim 19, wherein the remote database including the user security information includes a directory that has information relating to user privileges.

21. (Currently Amended) A method that facilitates the exchange of data between one or more users and one or more web services via one or more instant messaging clients, comprising the steps of:

receiving a user command from a user of an instant messaging client;

linking the user command to a web service command format, the web service command format associated with a web service;

generating a corresponding web service command based on the web service command format; [[and]]

sending the generated corresponding web service command to the web service; and

transmitting information from the web service in response to the web service command to at least one other user.

~~wherein information received from the web service in response to the user command may be transmitted to at least one other user.~~

22. (Original) The method according to claim 21, wherein linking of the user command to a web service command format comprises linking the user command to a web service description language file.

23. (Original) The method according to claim 21, wherein linking of the user command to a web service command format comprises locating the web service's address.

24. (Original) The method according to claim 23, wherein the web service address is a URL address.

25. (Original) The method according to claim 21, further comprising receiving a message from the web service.

26. (Original) The method according to claim 25, wherein the message received from the web service is a response message.

27. (Original) The method according to claim 25, further comprising sending the message from the web service to the one or more users.

28. (Original) The method according to claim 21, wherein the web service is associated with an enterprise system.

29. (Original) The method according to claim 21, wherein the web service is associated with a legacy system.

30. (Original) The method according to claim 21, further comprising storing user information.

31. (Original) The method according to claim 30, wherein the stored user information includes user command information is for at least one of the users.

32. (Original) The method according to claim 31, wherein the stored user command information stored for the at least one of the users includes information linking the user command to the web service command format.

33. (Original) The method according to claim 21, further comprising parsing security information to determine a user's access rights to the web service.

34. (Original) The method according to claim 33, wherein the security information is stored in a database.

35. (Original) The method according to claim 34, wherein the database having a directory including information relating to user privileges for accessing enterprise or legacy systems.

36. (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by a machine to perform method steps of exchanging data between one or more users and a web service via one or more instant messaging clients, the method steps comprising:

receiving an instant messaging message created by a user using an instant messaging client;

identifying a web service description language file associated with the instant messaging message;

identifying a web service listed in the web service description language file that is linked to the instant messaging message; [[and]]

sending a web service message that is associated with the instant messaging message to the web service according to information provided in the web service description language file;
and

transmitting information from the web service in response to the web service message to at least one other user.

~~wherein information received from the web service in response to the instant messaging message may be transmitted to at least one other user.~~

37. (Original) The program storage device according to claim 36, wherein the web service message having a web service command.

38. (Original) The program storage device according to claim 36, further comprising receiving a message from a web service.

39. (Original) The program storage device according to claim 38, wherein the message from the web service is in response to the web service message.

40. (Original) The program storage device according to claim 38, wherein the message from the web service is forwarded to one or more users.

41. (Original) The program storage device according to claim 36, further comprising storing user information.

42. (Previously Presented) The program storage device according to claim 36, wherein the web service is associated with at least one of an enterprise system or a legacy system.

43. (Original) The program storage device according to claim 36, wherein the instant messaging message comprises a user command.

44. (Previously Presented) The program storage device according to claim 36, wherein the web service is associated with at least one of an enterprise system or a legacy system.

45. (Currently Amended) A system for facilitating the exchange of data between one or more instant messaging clients and a web service, comprising:

a message processor means, the message processing means for receiving and processing a user command from an instant messaging client and generating a corresponding web service command based on the user command;

a storage means for storing information that links the user command to format of the corresponding web service command ; [[and]]

a communication means for accessing a web services description language file; and
a means for wherein transmitting information received from the web service in response to the [[user]] web service command ~~may be transmitted~~ to at least one other ~~instant messaging client~~ user.

46. (Previously Presented) The system according to claim 45, wherein the communication means communicates with the at least one web service.

47. (Previously Presented) The system according to claim 45, wherein the corresponding web service command is generated by using the stored linking information that links the user command to the format of the corresponding web service command.

48. (Previously Presented) The system according to claim 45, wherein the web service is associated with at least one of an enterprise system or a legacy system.

49. (Previously Presented) The system according to claim 45, wherein the message processor means for storing user privileges information.

50. (Omitted)

51. (Previously Presented) The system according to claim 45, wherein the message processor means for parsing user privileges information.

52. (Previously Presented) The system according to claim 45, wherein the system interfaces with a database having security information.

53. (Previously Presented) The system according to claim 1, wherein the user directly transmits the information received from the web service with the at least one other user.

54. (Currently Amended) The system according to claim 1, wherein the means for transmitting information from the web service is the web service engine transmits the information received from the web service to the user and at least one other user.

55. (Previously Presented) The system according to claim 53, wherein the user selects at least one other user to transmit the information received from the web service to.

56. (Previously Presented) The system according to claim 9, where the system includes a filter that prevents users without user privileges from viewing the information.

57. (Currently Amended) The system according to claim 1, wherein the web service [[may]] initiates contact with the user without prompting from the user.

58. (New) The system according to claim 1, wherein the means for transmitting information from the web service is the instant messaging client.

59. (New) The system according to claim 1, wherein the means for transmitting information from the web service is the processor.

60. (New) The system according to claim 45, wherein the means for transmitting information from the web service is the instant messaging client.

61. (New) The system according to claim 45, wherein the means for transmitting information from the web service is the message processor means.

62. (New) The system according to claim 45, wherein the means for transmitting information from the web service is the web service.